

Lafayette Fire Department Annual Report 2009



A firefighter looks on during Live Fire training at Bridgeway Apartments.

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Mission Statement



To respond to the needs of the citizens of Lafayette in a timely manner through continuing public education, multi-agency and community cooperation, quick response, and a desire to make Lafayette a safer place to live

2009 Personnel Roster

Chief

Jim Morrow

Assistant Chief of Special Operations

Mike Blann

Assistant Chief of Training

Richard Doyle

Assistant Chief of Urban Service

Ron Ritchey

Inspectors

Patrick Grimes

Dave Thomas

Derrick Davis

Gary Bennett

Assistant Chiefs of Suppression

Tim Ford – A Shift

Mike Hieatt – B Shift

Rick Dehahn – C Shift

Executive Assistant

Beth Duell

Administrative Assistant

Samantha Taylor

Captains

Steve Anderson
Bob Burke
Steve Butram
Randy Evans
Larry Hitze
Dave Thelen
Mike Tribbett

Lieutenants

Rodney Brewer
Matt Chase
Joe Danaher
Dane Elston
Todd Ford
Tim Franscoviak
Bill Griffis
Mark Halsema
Chad Hoey
Tom Holladay
Terry Littleton
Joe Long
Rick Meyer
Steve Mitchell
Marc Motuliak
Ted Murphy
Elmo Robledo
Mike Schwarz
Craig Stanton
Joe Steckler
Karl Stokes
Todd Wagner
Rich Wilkins

Sergeants

Brian Alkire
Steve Arndt
John Berkshire
David Bisher
Steve Black
Jim Brewer
Denny Burkhardt
John Butler
Jack Cross
Jim Dickensheets
Phillip DiFabio
Heather Evans
Denny Gick
Pat Griswold
John Gullion
William Hudelson
Randy Keen
Mike Koning
Mark Lee

Kevin Marsh
Jon McDaniel
Tagg Morris
Brian Perior
Greg Phillips
Mark Phillips
Dave Pritchett
John Robinson
Bruce Stafford
David Stanley
Tim Stillabower
Don Thelen
Brian Toby
Mike Umlauf
Darrell Vandergraff
Alan Wade
Chad Wiesler
Ryan Woody

Journeyman

Scott Alkire
Dave Allspaw
Ryan Altman
Joe Barker
Jamie Blacker
Mark Beeler
Tim Butz
Jason Clark
Myron Congram
Chris Conklin
Steve Cornelius
Brad Cornell
Adam Deaton
Damon Downey
Doug Dunwoody
Toby Frost
Gary Gaither
Chris Gorbett

Darryl Graham
Scott Guinn
John Hamilton
Jeff Hauser
Bill Holderfield
Patrick Holladay
Mike Hoskins
Jeremy Hostetler
Scott Hunter
Jason Jordan
Ted Koeppen
Matt Kubat
Todd Lyons
Lance Martin
Ron Martin, Jr.
Bob McCord
Marc McKinney

Travis Meyer
Mike Moran
Bob Morehouse
Leonard Muinzer
Todd Munson
Doug Newhart
Bill Patterson
Lester Pelfree
Juan Perera
Jeff Ramey
Trent Richter
Shawn Rice
Mike Stull
Jason Swank
Paul Terhune
Troy Trent
Brad Young

Firefighter Is

Brian Adkins
Mark Antonian
Darren Chase
Mike Davis
Chris Hathaway
Chad McCord
Eliseo Medrano
Travis Oliver
Jeff Smith
Johnathan Wetter

Fire Stations



Fire Station 1
443 N. 4th Street
Lafayette, IN 47901



Fire Station 2
800 Erie Street
Lafayette, IN 49704



Fire Station 3
1710 South Street
Lafayette, IN 47904



Fire Station 5
750 N. Creasey Lane
Lafayette, IN 47904



Fire Station 6
2561 Schuyler Avenue
Lafayette, IN 47905



Fire Station 7
3150 S. 18th Street
Lafayette, IN 47905



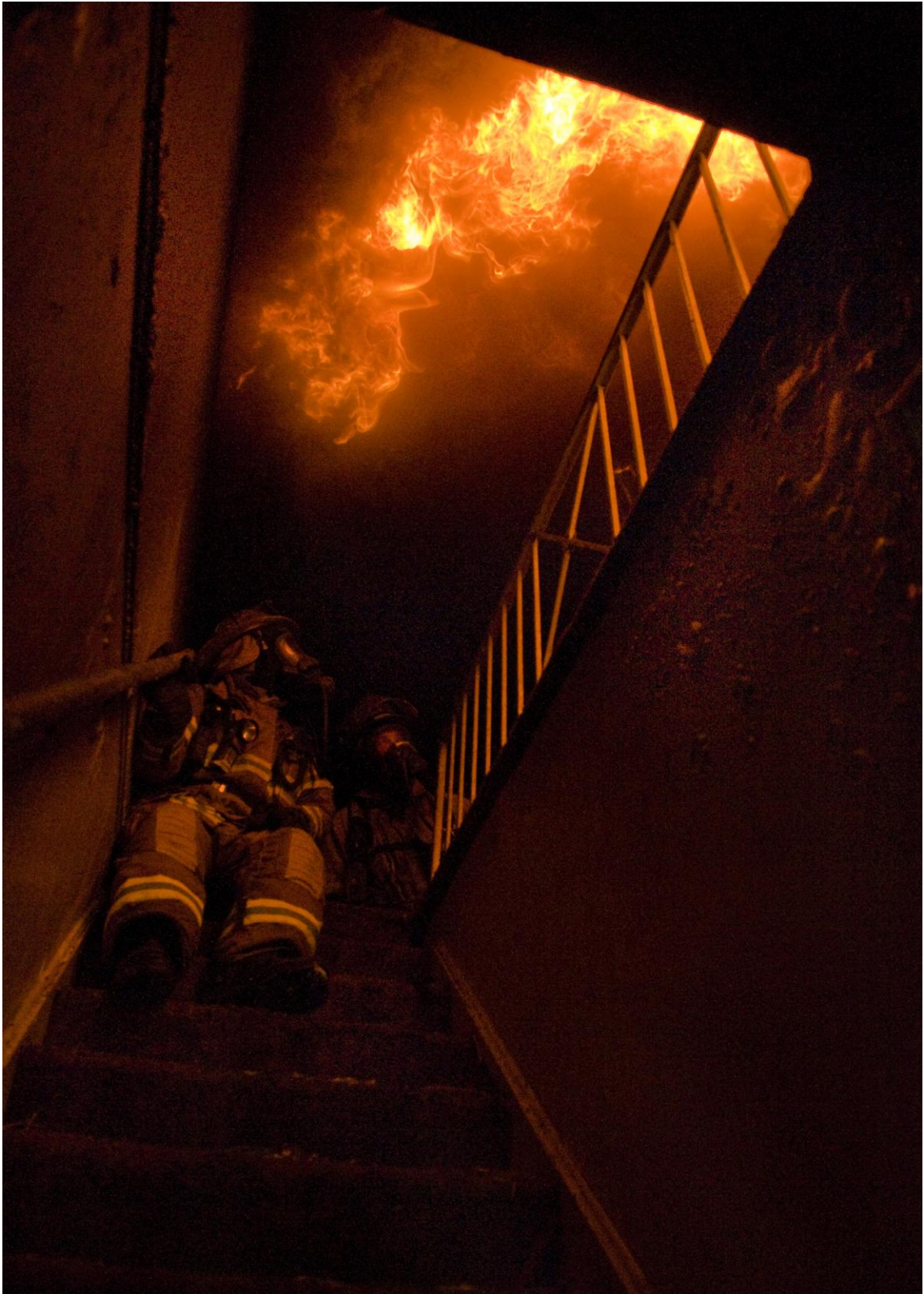
Fire Station 8
911 East 350 South
Lafayette, IN 47905



Fire Station 9
1757 South 475 East
Lafayette, IN 47905



Training Center
2070 South 500 East
Lafayette, IN 47905



Live Fire training at Bridgeway Apartments



Lafayette Fire Prevention

Overview

The Fire Prevention Bureau is staffed by a Division Chief and 4 full-time Inspectors whose primary responsibilities include:

- Public Education Through Media (print, radio, and TV)
 - Schools (Annual Fire Prevention Show)
 - “Fire House” Band
 - Juvenile Fire Setter Education Program
 - Through Media (print, radio, and TV)
 - Free Smoke Detector “Early Alert Program”
 - Community “Outreach” Events, such as:
 - ✓ Annual Child Safety Day, co-sponsored by State Farm Insurance.
 - ✓ Riley Children’s Hospital, in Indianapolis
 - ✓ Lafayette School GLASS Program at Ross Hills
 - ✓ Tippecanoe County 4-H Fair
 - ✓ Various Others
- Building and Fire Code Enforcement for Existing Commercial Buildings
- Plan Review and Inspections of New Construction Projects
- Liaison to Engineer Dept (meet with building owners/architects/contractors)
 1. Review building, sprinkler, fire alarm, kitchen hood plans
 2. Conduct building inspections from beginning to end of project
 3. Conduct pre-design and pre-build meetings with architects and contractors
 4. Conduct hydrant flow tests

- Fire and Explosion Investigations
 - Work in close proximity with federal, state and local law enforcement and the prosecutor's office in arson investigations
 - Work closely with private insurance investigators on all cases
 - Work in partnership with LPD detectives and the prosecutor's office in arson cases
- Special Investigations
 - Internal investigations as assigned
- Additional Administrative Duties include but not limited to:
 - Grant funding
 - Continued education and training for staff
 - Recruit and firefighter training (as assigned by Training Division)
 - Assist company officers with preplans in complex structures
 - ISO rating for department

2009 Year in Review

We moved our fire prevention offices from our former location at Riehle Plaza to LFD Central Station in October 2009. This move has brought most of the LFD administrative staff to a centralized location. It has also provided many benefits, including more effective internal communications and more effective external communications (*customer based*) because there are administrative staff available at all times to directly communicate with the general public. In preparation for the move, LFD Central Station underwent an extensive interior building remodel. Central Station had essentially not undergone any renovation or updates since the building was constructed in the late 1960's. The building renovation was completed in September and has further enhanced the professional image of the entire department.

In April 2009, we obtained grant funding from Fairfield Township to implement a new software program (Sybatech-CodePal) and associated handheld devices/wireless printers that allow us to significantly improve the way in which we collect, track, and retrieve inspection and investigation data. In the past, we recorded our fire inspections on handwritten forms, which would then be entered into our computer database on desktop computers after we left the premises ("double entry"). Ultimately this resulted in lost productivity. This software has allowed us to streamline our inspection process and conduct code research through an extensive database on our handheld devices in the field. Additionally, it has significantly improved our ability to manage and provide better oversight to all aspects of code enforcement including plan review, new construction inspections, existing commercial building inspections, and in the process improve our professional competencies.

In January 2009, we were able to implement a "laser fiche" program that allows us to transfer existing handwritten data records (inspections and investigations) onto computer databases, as we continue to work toward a total "paperless" record documentation process. This is a significant improvement in which we store and handle data, and ultimately helps reduce the amount of physical storage space needed to store these documents and reduce the costs contained therein.

Our annual Fire Prevention Show typically held in October was cancelled this year as a result of scheduling conflicts with the grand opening of Lafayette Jeff's new Rohrman Performing Arts Center. We look forward to re-implementing the program in 2010, and continuing the long standing tradition of providing an

educational convocation for over 5500 children in Greater Lafayette. These performances feature over 40 firefighters throughout the week and clearly demonstrate the high priority our firefighters place on trying to prevent injury and/or death to the children of our community.

Public Education

LSC- GLASS PROGRAM @ ROSS HILL'S FUN FEST DAY

In May, the Fire House Band performed for special needs children at Ross Camp in northern Tippecanoe County. Approximately 1000 special needs children from all of the surrounding counties were bused in to the camp for the day to enjoy and participate in all kinds of fun activities. The event is coordinated through Greater Lafayette Area Special Services (GLASS). The Fire House Band sets up in the assembly hall and plays for the children while they eat their lunch in shifts. The Fire Prevention Bureau also brings a fire truck and gives rides to the children around the circle drive on the grounds of the camp.

TIPPECANOE COUNTY 4-H FAIR

The Lafayette Fire Department once again participated in public education at the Tippecanoe County 4-H Fair in July. The Fire Prevention Bureau sets up a booth in the exhibitor's tent and distributes over 2000 free fire helmets, stick-on badges and coloring books. While handing out each of the fire helmets, children that show up at the booth must answer a fire safety question to receive his or her prize. Free smoke detectors are also handed out to people who qualify and are in need of one. The "Fire House" Band performed in the entertainment tent on family night to an active crowd of parents and children.

JUVENILE FIRE SETTER PROGRAM

The LFD Juvenile Fire Setter Program is a program of education and evaluation. It is designed to teach children and parents that matches and lighters are tools, not toys. A child who demonstrates interest or curiosity about fire should be provided with information and education as soon as possible. Our staff is able to conduct an evaluation interview with both the parent(s) and child, to help determine why the child is interested in fire. The program also is able to determine if the curiosity can be controlled by the parent or if additional counseling is needed through professionals. In an effort to better serve our community, our staff networks with other juvenile fire setter programs throughout the state to identify new and better ways to educate and inform these children.

FREE SMOKE DETECTOR PROGRAM

Working in conjunction with our Firefighter's Union, the Fairfield Township Trustee's office, the International Brotherhood of Electrical Workers (IBEW), Kathryn Weil Center, Von Tobel's and the Historical Five Points Fire Museum we offer free smoke detectors to members of our community. For people who qualify, a free smoke detector can be obtained by stopping by one of our fire stations to fill out a voucher, or by contacting any of the sponsoring organizations. Also, for people who are disabled or elderly, IBEW personnel will send an electrician out to install the detector free of charge.

PUBLIC SAFETY EDUCATION through LOCAL MEDIA

Lafayette Fire Prevention Bureau conducted many and various public education information through our local television and print media venues, including: Fire Safe Cigarettes, Smoke Detector Live Burn (which demonstrated the different response times for various types of smoke detectors), Space Heater Safety, Fireworks Safety, Christmas and Winter Season Safety, and Smoke Detector Education.

Building and Fire Code Enforcement (Existing Buildings)

One of the major functions of local government is to provide a reasonable degree of safety for the citizens it governs. This mindset is ever present for the members of the Fire Prevention Bureau, who understand that unsafe buildings pose an inherent risk to both citizens and responding firefighters. In fact, a majority of the building and fire code laws in effect today came into existence to address and correct unsafe building designs and housekeeping practices.

Our inspections encompass existing buildings that are required to meet minimum building and fire codes in effect at the time they were constructed, and there are approximately 3,600 business occupancies in the City of Lafayette. Additionally, we inspect all new construction projects to insure that they meet the current code requirements.

2009 Fire Inspection Report Data:

During the course of the year, Lafayette Fire Inspector's conducted:

- 2,905 inspections in commercial buildings, with
- 555 of those involving new construction projects.

Plan Review and Inspections (New Construction Projects)

Most new construction projects are required to be filed with the State of Indiana and our City Engineers Office to obtain necessary permits to begin construction. We conduct weekly plan reviews of all new construction, and strive to conduct very thorough reviews at the initial phases of construction to help eliminate potential conflicts at the end of the projects. Oftentimes, this will require us to meet personally with architects, building owners, and project managers in pre-construction conferences. We believe that the benefits and rewards of spending time at the front of a project provides ample justification for the costs incurred, and assists the building owner in avoiding potentially costly renovations at the end of their projects.

Our Fire Prevention Staff reviews and inspects all pertinent fire code issues, including but not limited to:

- Sprinkler Systems
- Fire Alarm Systems
- Kitchen Hood Systems
- Egress Requirements
- Hydrant Placements
- Fire Department Access to Structures
- Building Compartmentalization

Our goal is to work with Architects, Engineers, Building Owners, and Contractors to identify corrections at the beginning of the process, and to help all parties eliminate costly amenities at the end of the project.

2009 Fire Department Plan Review & New Construction Inspection Data:

During the course of the year, Lafayette Fire Inspectors conducted:

- Pre-Design/Construction Meetings: 84
- Building & Fire Protection Systems Plan Reviews: 191
- Rough-In/Framing Inspections: 151
- Above Ceiling Inspections: 113
- Sprinkler/Fire Alarm/Kitchen Hood Inspections: 33
- Final CO Inspections: 270

Fire and Explosion Investigations

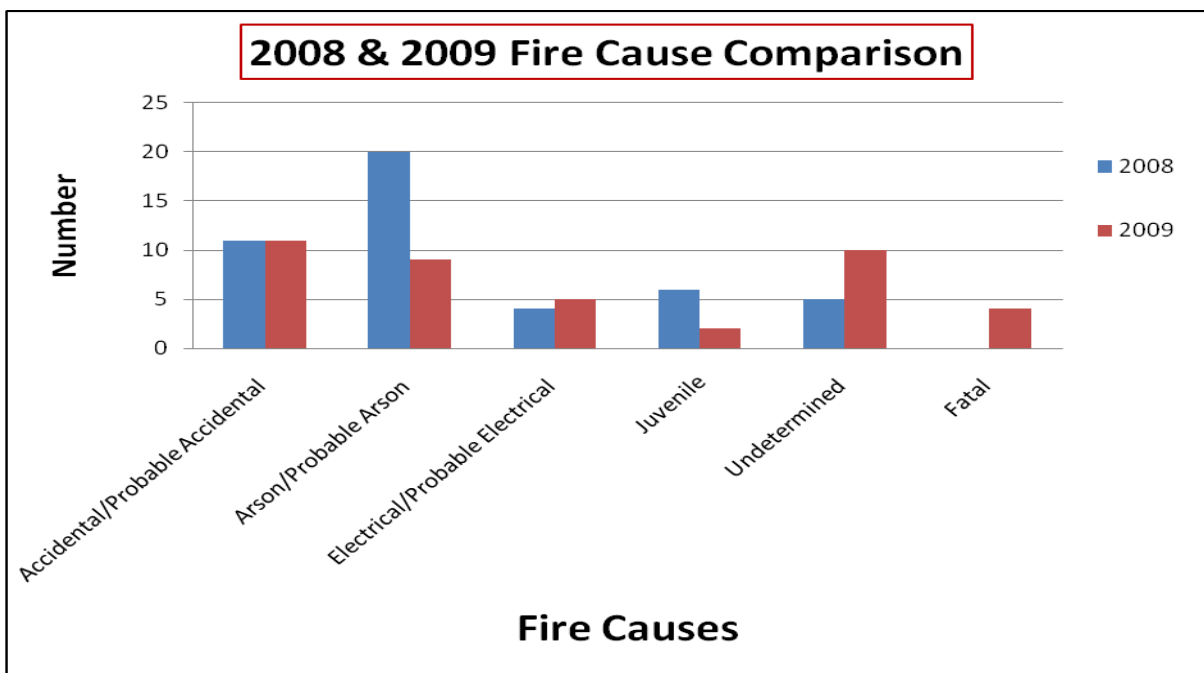
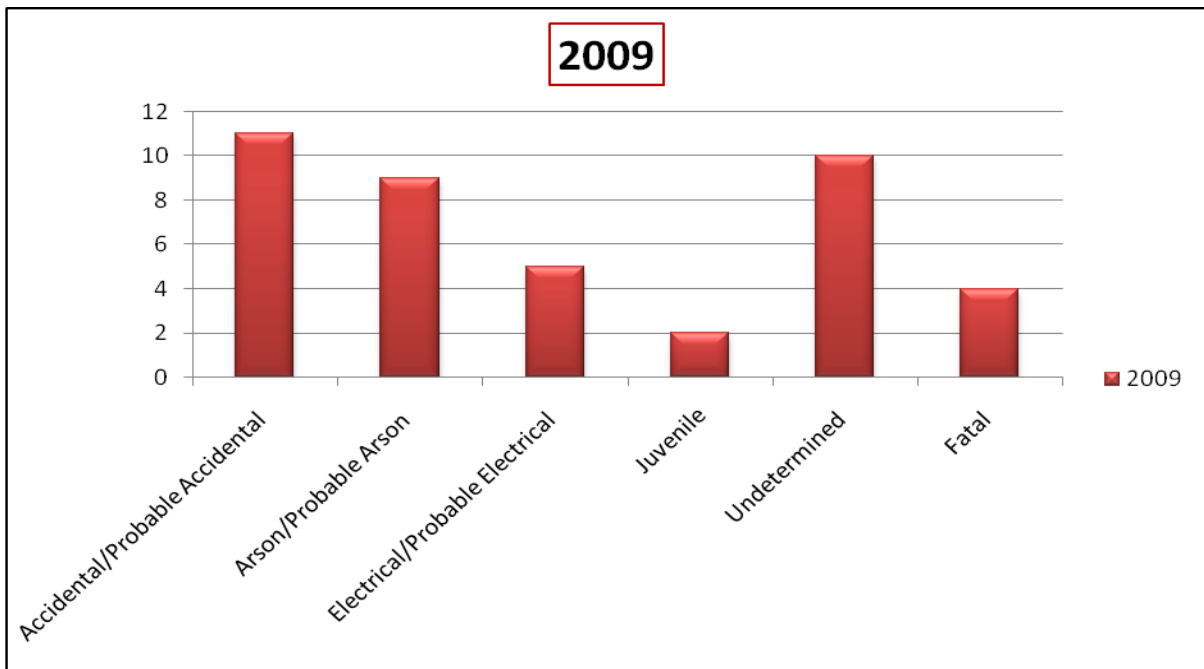
Members assigned to the Lafayette Fire Prevention Bureau have the responsibility to investigate the “cause and origin” of residential/commercial structure fires and vehicle fires when requested by the Assistant Chief of Suppression. Additionally, we respond to and investigate incidents that involve natural gas explosions. Our investigators attend professional training seminars and have professional memberships/certifications, which include the International Association of Arson Investigators (IAAI). This organization provides opportunities for training and networking with other investigators throughout the state. It provides a highly coveted “Certified Fire Investigator (CFI) program” which certifies the individual has meet minimum experience, training, and courtroom testimony. Currently, two members of our staff have obtained a CFI and are listed amongst a total of approximately seventy (70) CFI’s in the entire State of Indiana.

2009 Investigation Report Data

Lafayette Fire Investigations Unit investigated 37 structure fires for the year, 9 of which involved criminal activity (arson) broken down as follows(45% reduction in arson fires from 2008):

- 3 residential arsons resulting in the arrest of 3 persons.
- Additionally, 4 of these arson fires were “cleared” by our office, meaning the cases were turned over to the prosecutor’s office awaiting criminal charges to be filed. (resulting in a 78% case clearance rate & improvement of 30 % when compared to 2008)
- 2 arson fires in vacant properties
- 0 arson fires in homes in foreclosures
- 2 juvenile fires (a reduction of 67% from 2008).
- 4 residential fire deaths for the year 2009, all of which were most likely attributed to careless smoking.

The classification of fires for the year 2009 as follows:



Additional Duties

The Fire Prevention staff performs other duties that benefit the fire department, which include:

- Assisting in the fire training for new recruits.
- At large scale fire events our staff is called upon to fill positions of incident command which include safety officer, accountability officer, etc.
- Special Investigations

Lafayette Fire Department Training Division



New Training Building

Year 2009 was a building year. As you can see by the photos we completed three building projects on the Training Center grounds. The first project was the largest. We received from Indiana Department of Homeland Security a grant for \$200,000 for a new training building. The new building has three burn rooms, a confined space prop and many other areas that we can use to upgrade our training. The second project is a small building that will give us the ability to expand our training grounds. The third project was an expansion to our existing training buildings burn rooms. We again received a grant for \$70,000 to add a new burn room on the second floor of the old training building. Together we now have three buildings we can use for our fire and rescue training.

The highlight of 2009 had to have been the Live Fire Training that we did at Bridgeway Apartments. We invited our fellow firefighters from West Lafayette and Purdue University Fire Departments to join us in this training. Many of the firefighters said that this was the best training they had ever had.

2009 was also one of the busiest training years in history for our individual companies. Below you will find a list of training by subject that was completed this year. Great Job.

The following list reflects all the other agencies that used the training center in 2009.

Subaru of America

Rea Wire Inc.

Tate and Lyle

Indiana Department of Natural Resources

Indiana Department of Homeland Security

District 4 Training Council

Eli Lily and Co.

Lafayette Police Dept.

Tippecanoe Co. Police Dept.



New building built out of shipping containers



Burn tiles added to room in existing training tower

2010 Hours of Training per Subject

Total Hours: 5,738

<u>Class</u>	<u>Hours</u>
RIT	53
Hose Loads	27
Accountability	22
Fireground Operations	16
Hose Line Tactics	32
Map Reading	80
Ladder Training	38
CPR, Airway, AED	4
Structural Stability of Eng. Lumber	2
Stabilization	8
Water Rescue Team Training	468
American Heat Tapes	50
Steets and Plugs	120
Firefighter Survival Training	181
EMS Training	382
Utility Control	7
Strategy and Tactics	7
Driver Operations	8
Elevator Rescue	10
Ice Rescue	174
Confined Space Rescue Training	40
EMS Practical Skills Training	8
TRT Ropes Training	429
Victim Rescue	18
Red Pulse Video	9
Policy and Procedure Review	74
Master Streams Operations	18
Pre Incident Inspections	694
Live Fire Training	795
OB Emergencies	32
FEMA Decision Making Problem Solving	2
MSA Air Pack Training	10
Haz/Mat training	210
State Farm Restraint Systems	6
Officer Training	6
Thermal Imager Training	18
Pumper Operations	14
MSA, RIT, Mayday Training	80
Cross Lay, Hose Loads Training	18
Auto Extrication Training	108
Meth Lab Awareness	72
Drafting Training	16
Foam Training	10
Firefighter Combat Challenge	6
Firefighter Practical Skills	9
Audit Review	420
Rescue Operations	88
TRT Rescue Awareness	688
Ventilation Training	5
Salvage and Overhaul	5
Physical Fitness Training	7
Large Building Search	120
Aerial Placement	14

Lafayette Fire Department Water Rescue Team



Water Rescue Team Boat

Established 2003
Activated 2004

In 2009 the team was busy with training and rescue and recovery responses. We added new members and added new equipment.

The following is a list of incidents that the WRT participated in:

- Assisted the Lafayette Police Department in the search for a reported murder victim in the Wabash River.
- Assisted the West Lafayette Police Dept. with the search for a weapon that was reportedly thrown in the Wabash River after an armed robbery.

- Assisted the Tippecanoe Co. Police Dept. and Sheffield V.F.D in the rescue of a drowning victim in Fairfield pond.
- Assisted the Lafayette Police and West Lafayette Police Dept. in the rescue of a criminal suspect that was stranded in the Wabash River after a police chase.

Equipment added to the WRT:

In 2009 we added to our flotilla by purchasing a 2009 G3 18 foot semi V boat, which is powered by a 60 horse Yamaha motor.

Water Rescue Team

A-Shift

Team Leader – Dave Thelen
 Asst. Leader – Myron Congram
 Team Trainer – Steve Arndt
 Toby Frost
 Ted Koeppen
 Juan Perera
 Mark Phillips

B-Shift

Team Leader – Tim Franscoviak
 Asst. Leader – Alan Wade
 Team Trainer – Brian Perior
 Brian Alkire
 Mike Davis
 Scott Guinn
 Travis Oliver

C-Shift

Team Leader – John Robinson
 Asst. Leader – Todd Munson
 Team Trainer – Mark Beeler
 Boat Operator – Jeff Hauser
 Scott Hunter
 Eliseo Medrano
 John Wetter
 Ryan Woody



Ice Rescue Training



Ice Rescue Training



Ice Rescue Training

Lafayette Fire Department Hazardous Materials Team



Intermodal liquid container of Butylene

The ever present threat of chemical, biological, radiological and explosive incidents insures that the Lafayette Fire Department Hazardous Materials Team must be prepared to respond to and contain any possible situation.

In 2009, the Hazardous Materials Team consisted of 32 voluntary members. The team trains at the Lafayette Fire Department Training Center and other agencies around District-4 including the Purdue Fire Department, Frankfort Fire Department and Tippecanoe County Emergency Management Agency. These agencies together make up the Hazardous Material Response Element for District-4 Task Force.

District 4 is made up of Tippecanoe, White, Benton, Warren, Fountain, Montgomery, Clinton, Carroll and Cass counties. In addition to the local training, some team members attend training around the country sponsored by the United States Department of Homeland Security, the United States Department of Energy and various other Haz-mat training organizations. These training sessions include response to chemical, biological, radiological, explosive, flammable liquids, tank truck and railroad incidents.



Haz-Mat Team

Brian Alkire
 Scott Alkire
 Steve Arndt
 Michael Blann
 Jim Brewer
 John Butler
 Tim Butz
 Chris Conklin
 Joey Danaher
 Richard Doyle
 Doug Dunwoody

Dane Elston
 Toby Frost
 Chris Gorbett
 Darryl Graham
 Mike Hoskins
 Jason Jordan
 Ted Koeppen
 Matt Kubat
 Lance Martin
 Jon McDaniel
 Marc McKinney

Mike Moran
 Tagg Morris
 Travis Oliver
 David Pritchett
 Shawn Rice
 David Stanley
 Darrell Vandergraff
 Rich Wilkins
 Ryan Woody
 Brad Young





Haz-mat training drill at Training Center



Entering semi trailer to remove leaking drum

Lafayette Fire Department Tactical Rescue Team



Heavy Vehicle and Machinery Class

In 2009, the Tactical Rescue Team consisted of 28 voluntary members. Team members are highly trained in rope rescue, confined space rescue, trench rescue and structural collapse rescue. Team members rotate training between these four disciplines at the Lafayette Fire Department Training Center and various industrial sites around the city of Lafayette. They also receive technician level training in heavy vehicle/machinery extrication and antennae/tower rescue.

Lafayette Fire Department Tactical Rescue Team members along with firefighters from Purdue Fire Department, Frankfort Fire Department and Monticello Fire Department make up the TRT response for Indiana District 4 Task Force. District 4 consists of Tippecanoe, White, Benton, Warren, Fountain, Montgomery, Clinton, Carroll and Cass counties.

Tactical Rescue Team

Ryan Altman
Steve Arndt
Dave Bisher
Michael Blann
Steve Butram
Jason Clark
Myron Congram

Brad Cornell
Joey Danaher
Richard Doyle
Randy Evans
Toby Frost
Jeff Hauser
Chad Hoey

Jason Jordan
Ted Koeppen
Lance Martin
Jon McDaniel
Mike Moran
Tagg Morris
Todd Munson

Brian Perior
Mark Phillips
John Robinson
Karl Stokes
Mike Stull
Ryan Woody
Brad Young



Structural Collapse Class



Structural Collapse Class

Total Runs for 2009

4,866

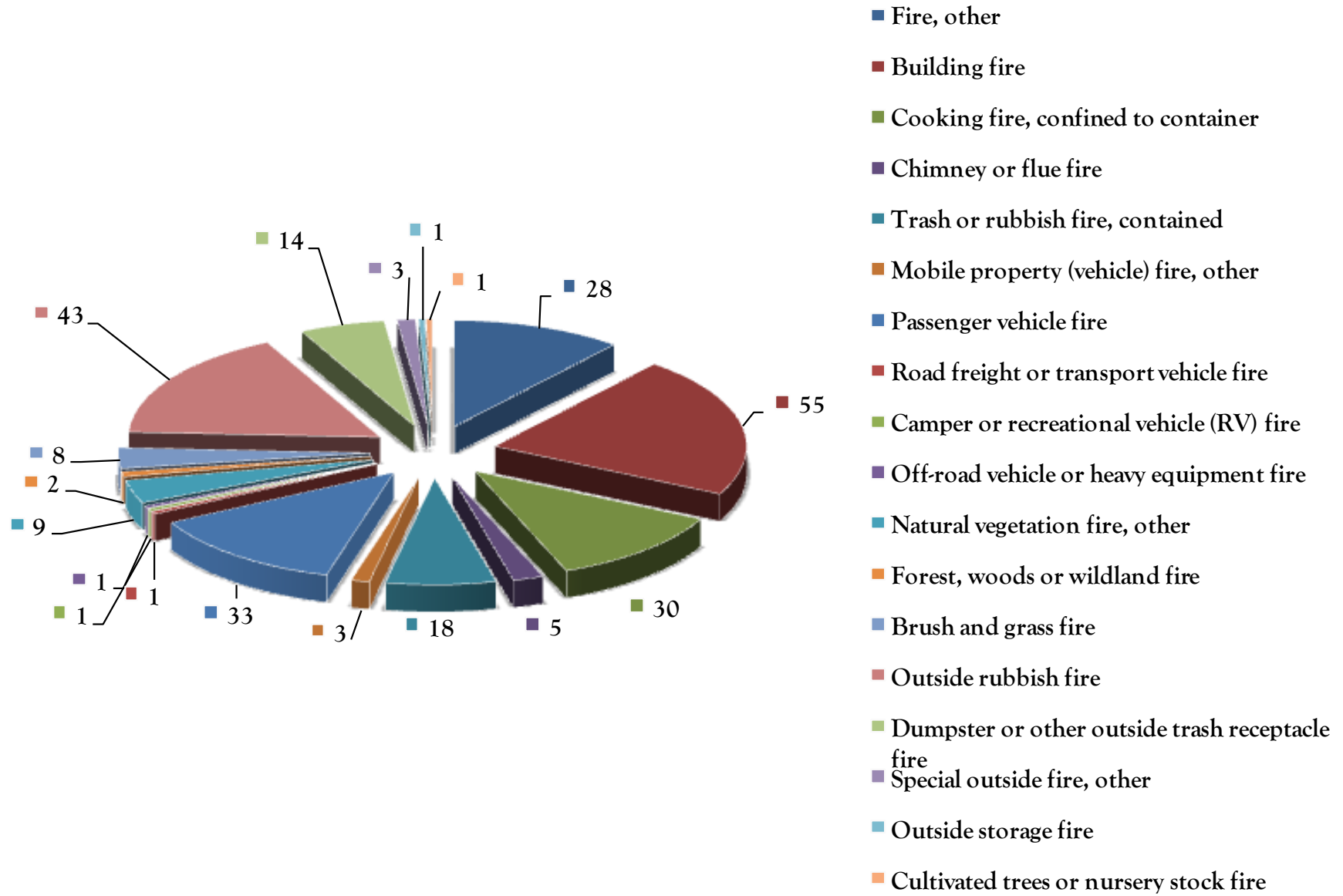
Includes The Following:

Fire Related (256)

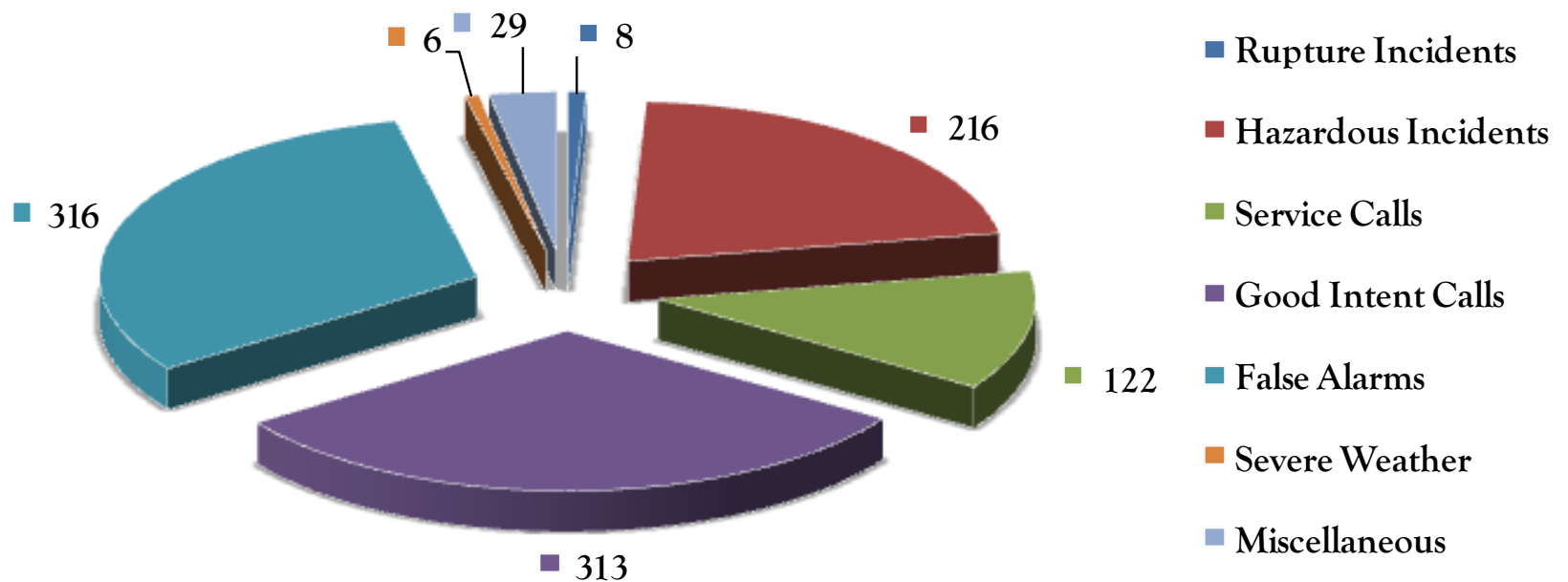
Non-Fire Related (1,010)

EMS (3,600)

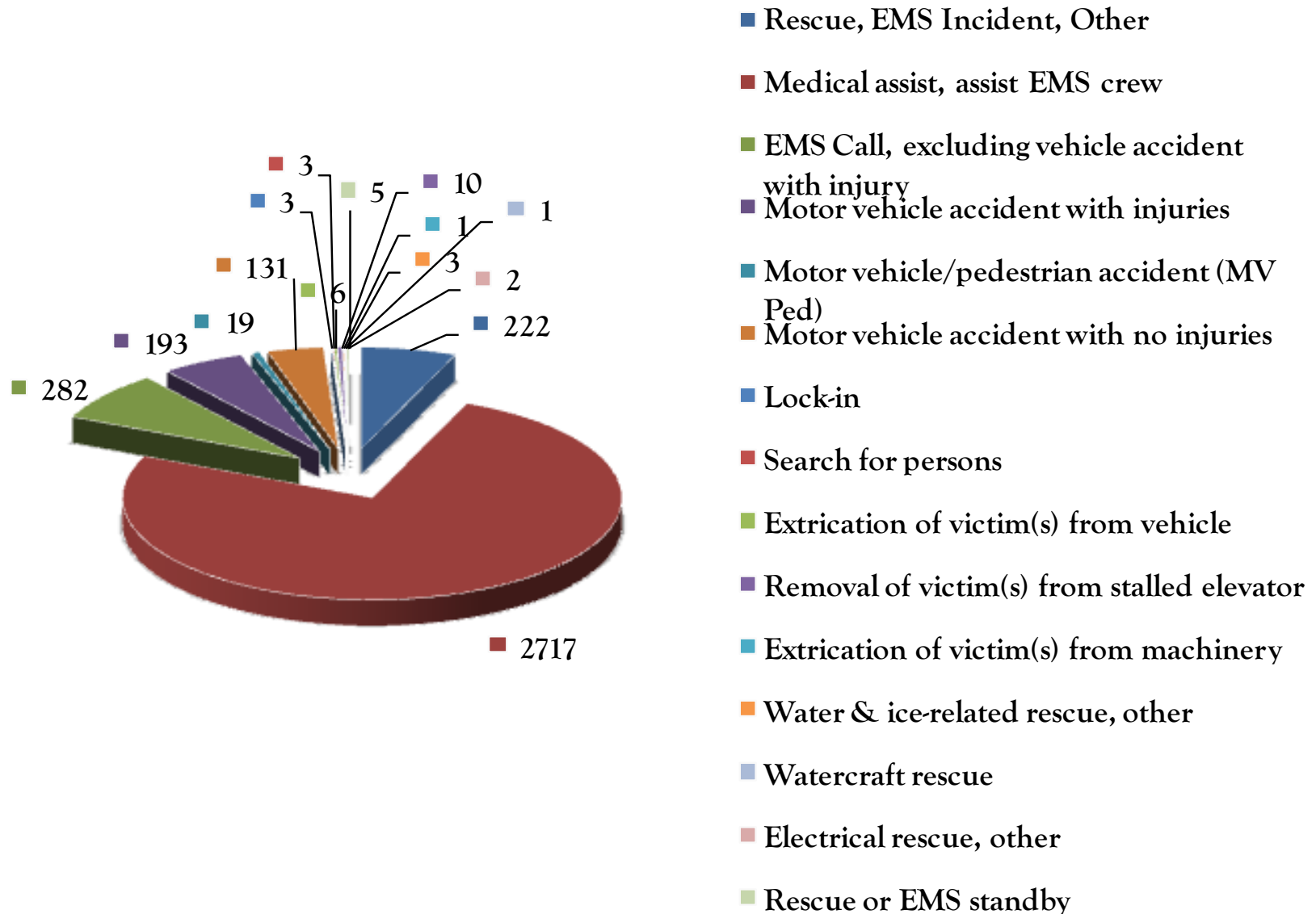
2009 Fire Runs



2009 Non-Fire Related Runs/Excluding EMS



2009 EMS Runs



2009 Calls Per Zone

